

PROPOSED PROJECTS DESCRIPTION AND EXISTING INFRASTRUCTURE

As described on previous technical memoranda, a group of projects for urban irrigation were evaluated and selected to mitigate the irrigation demand. Table 33 shows the list of these proposed projects and the expected facilities needed. The amount of benefit or recovery will determine the capacity necessary for the pipes and pumps.

Table 33
Proposed Sub-Regional Project Summary

No.	Alternatives	Benefit or Recovery Capacity (MGD)	No. of ASR Wells	Infrastructure Needed
1	Gator Slough	14.0	20	Intake system, pumping station, ASR wells and chemical treatment system
2	Horseshoe Canal	6.0	9	Intake system, pumping station, ASR wells and chemical treatment system
3	Hermosa Canal	6.0	9	Intake system, pumping station, ASR wells and chemical treatment system
4	Canal Pumping Station #8	5.0	7	ASR wells, chemical treatment system and pump station
5	North-South Transfer Station	10.0	14	ASR wells, chemical treatment system and pump station
6	Everest Parkway / Waterway Estates / N.Ft.Myers	12.2	17	ASR wells, pump station, connection, and Chemical treatment.
7	North Ft. Myers & Cape Coral	2.3	0	Pumping station, ASR wells, chemical treatment system and interconnection.
Total Benefit or Recovery Capacity		55.5		

The locations of the projects listed above are presented in a series of figures, which are located in Figure No. 23. The Index figure shows a general map of the Sub-Region 2 projects. This figure serves as an index to locate the figure number where the proposed projects are shown. Proposed locations are based on general locations and do not include land use, survey, property assessment or any other property-specific resources.

Figure 24 shows the general location of Project No. 1, GATOR SLOUGH project. This ASR project will be located west of El Dorado Boulevard, north of Van Buren Parkway, east of NW 26th Place and south of NW 24TH Street. A 20-inch pipeline will be constructed to convey the supply from this project to the City's future secondary water system.

Figure 25 illustrates the location of Project No. 2, HORSESHOE CANAL. The proposed location of this ASR surface water project is west of El Dorado Boulevard North, north of NW 6th Terrace, east of NW 26th Court and just south of the Horseshoe Canal. Shown on this figure, also is the 20-inch pipeline to the future secondary water system, at Embers Parkway.

Figure 26 presents Project No. 3, the HERMOSA CANAL project. This ASR surface project is going to be located south of Embers Parkway West, west of El Dorado Boulevard, near the Hermosa Canal. The supply obtained from this project will be conveyed to a 20-inch pipeline along El Dorado Boulevard.

Figure 27 presents Project No. 4, CANAL PUMP STATION #8. This surface water project is located near the existing Canal Pump Station No. 8. The proposed project location is west of Del Prado Boulevard, south of 4th Street and east of 13th Place.

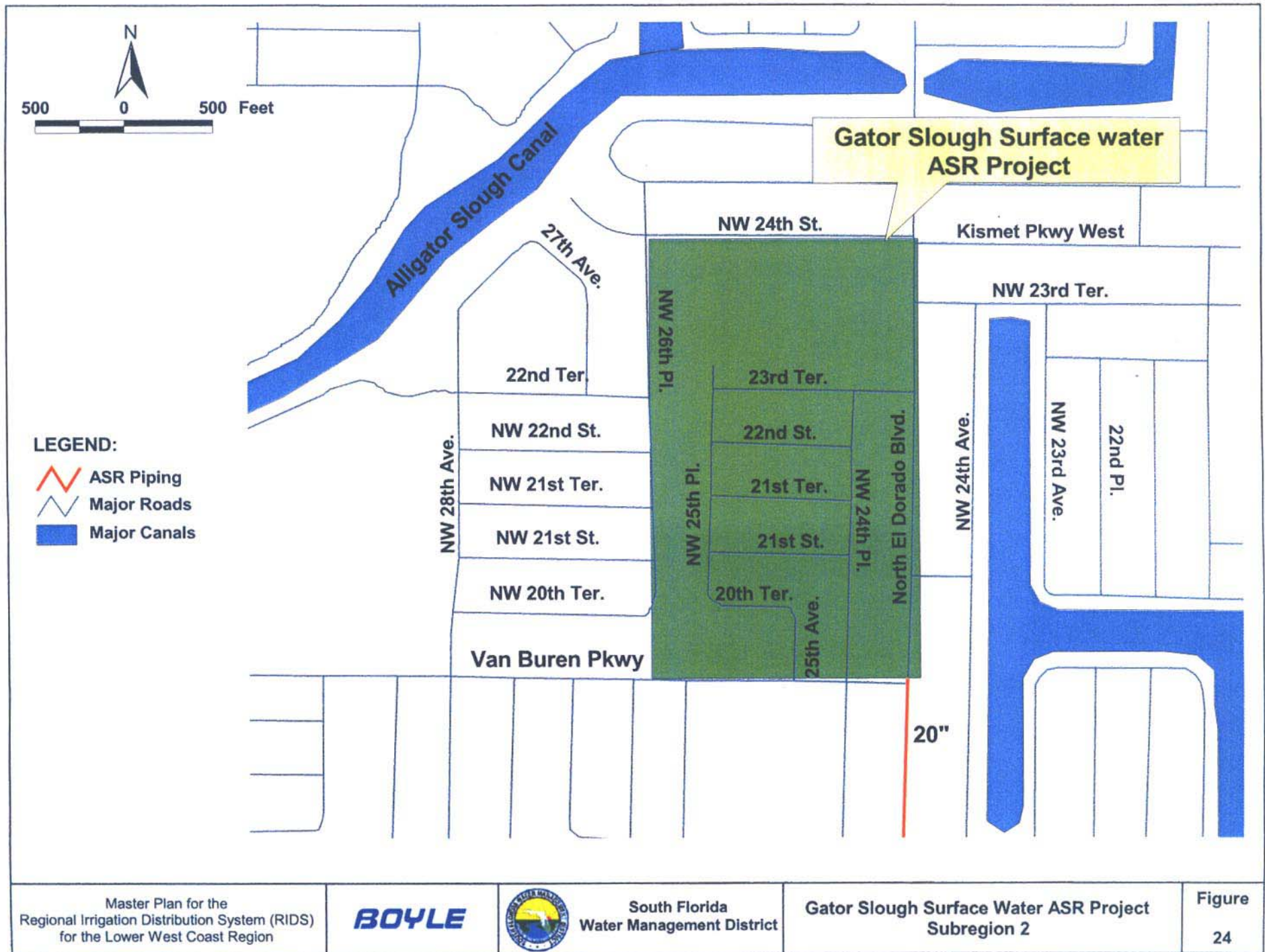
Figure 28 shows Project No. 5, NORTH-SOUTH TRANSFER STATION. The location of this project is north of Pine Island Road, east of NE 7th Street, perpendicular to Andalusia Boulevard, south of Tropicana Parkway, NE 7th Street and west of NE 10th Place. The proposed location is next to the existing North-South Transfer Station.

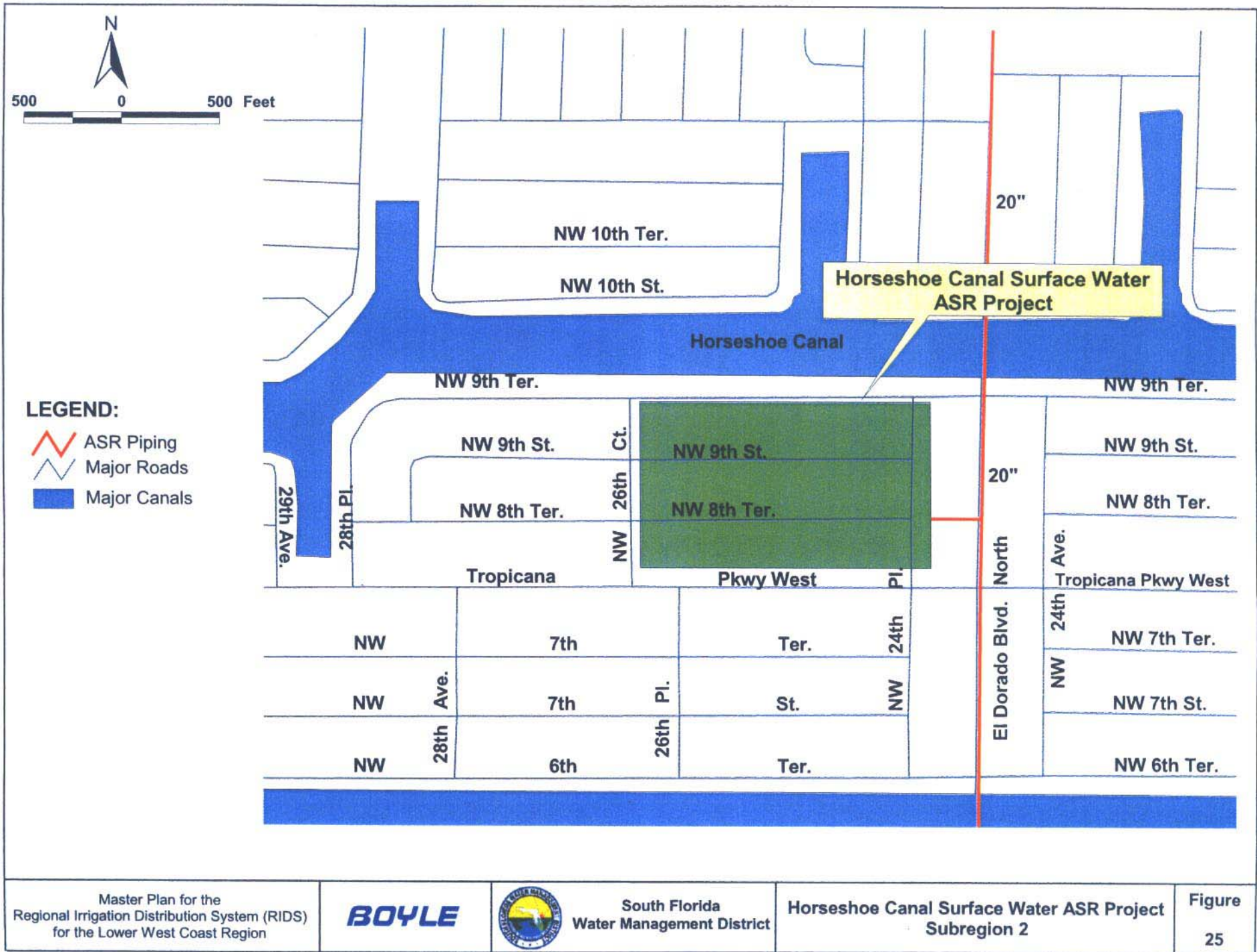
Figure 29 presents the alignment of Project No. 7, the NORTH FT. MYERS AND CAPE CORAL CANAL interconnect. The interconnect is anticipated to be a 12-inch transmission line and will start near the intersection of Pine Island Road and Garden Boulevard, continue north on Garden Boulevard to Littleton Road, where it turns east to US Highway 41, along Highway 41 until it turns east to Heritage Golf Course to the North Fort Myers Wastewater Treatment Facility.

Figure 30 shows Project No. 6, the EVEREST PARKWAY/WATERWAY ESTATES. This Reclaimed water project will be located south of Everest Parkway (25th Street) east of Del Prado Boulevard, north of SE 26th Terrace, east of 19th Place. The supply from the ASR project will be transmitted to the distribution system via an existing line as shown on the figure.

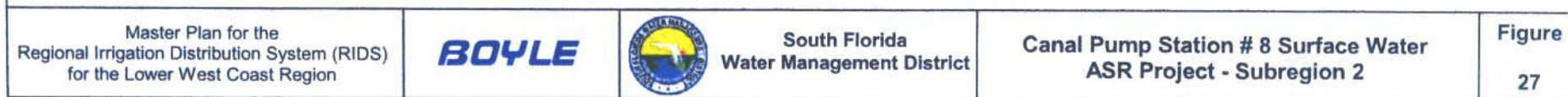
Existing Infrastructure

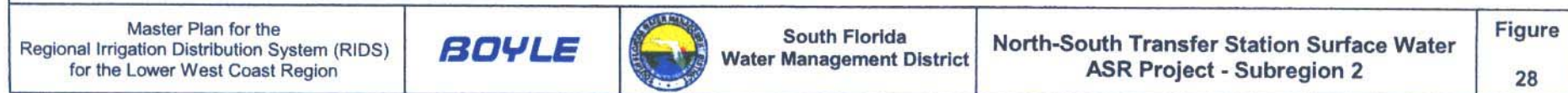
Currently Cape Coral, Waterway Estates and North Ft. Myers have some existing reclaimed water distribution systems. The proposed projects will use the existing and proposed infrastructure as much as practically possible. Figures 23 through 31 show the existing and planned infrastructure near each of the proposed projects.

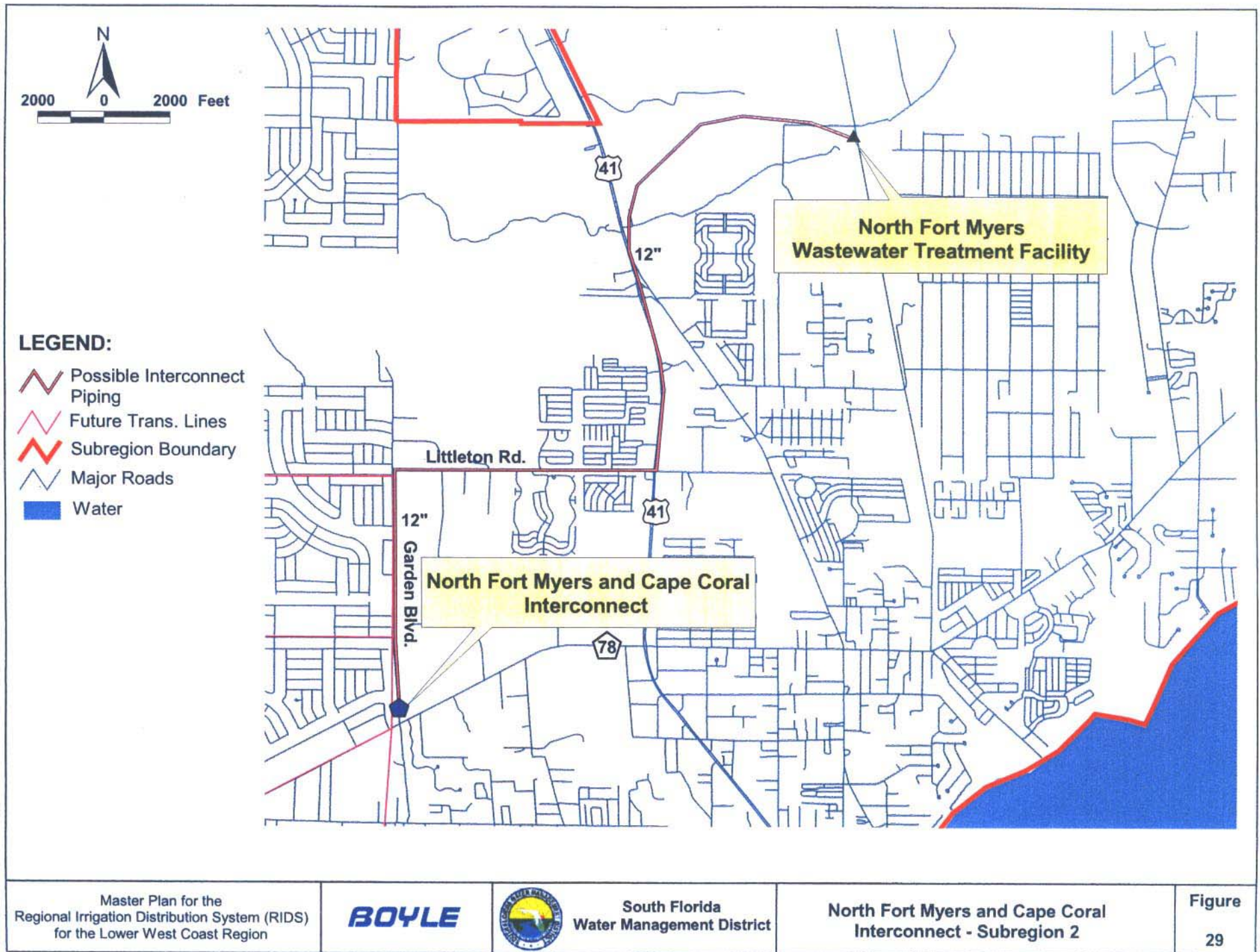


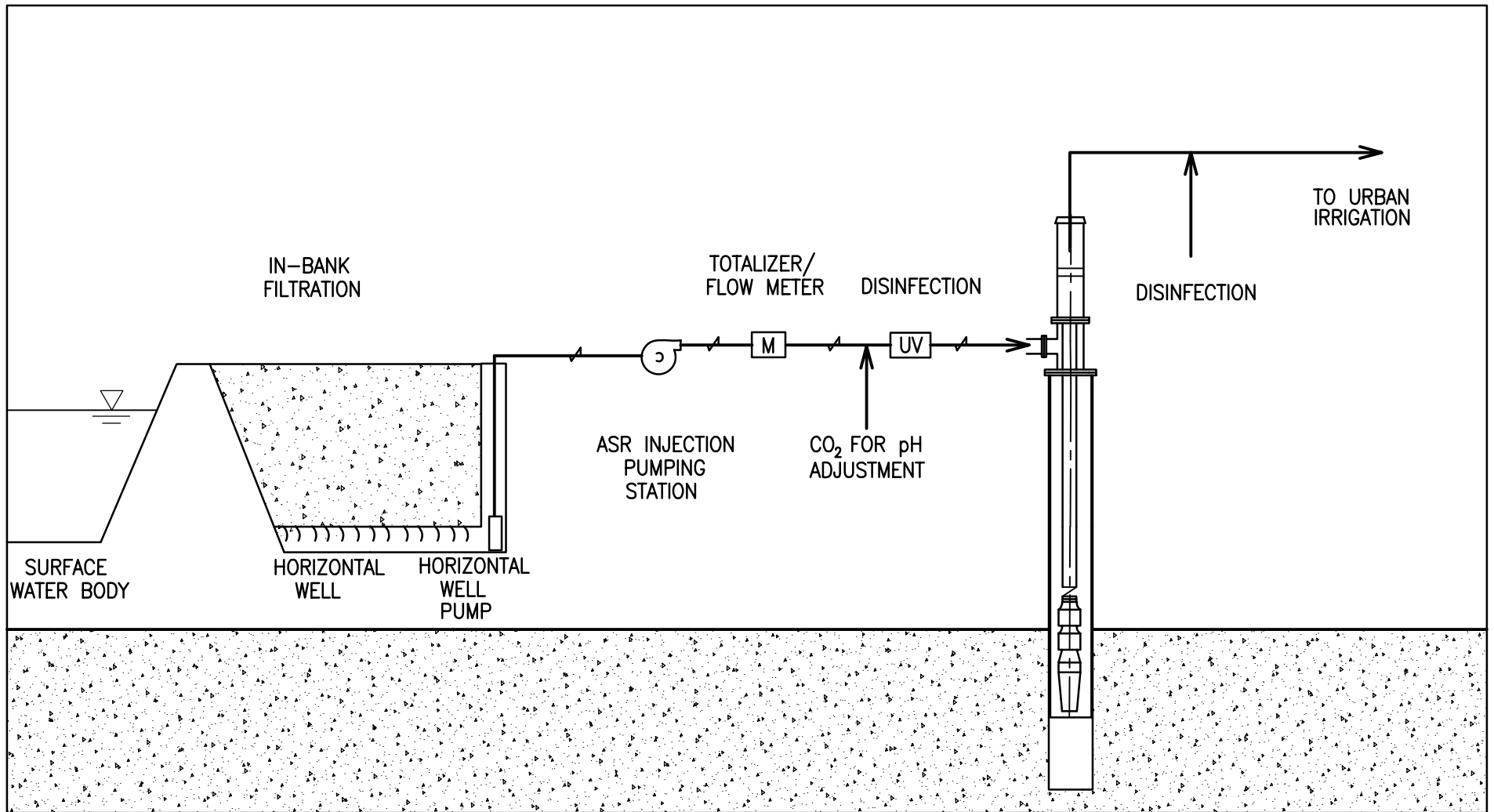












ASR WELL
TOTAL DEPTH APPROX. 1,200'
WELL PUMP DEPTH APPROX. 110'
(UPPER FLORIDAN
AQUIFER)

Not to Scale
For Conceptual Purposes Only